

Claims

1. An apparatus comprising:
a refrigerator to be placed in a mobile computing device, the refrigerator including a cold reservoir and a hot reservoir, the cold reservoir to absorb heat generated by a heat generating unit of the mobile computer.
2. The apparatus of claim 1, wherein the cold reservoir is in thermal contact with the heat generating device.
3. The apparatus of claim 1, further including a heat exchanger to dissipate heat from the hot reservoir.
4. The apparatus of claim 1, further including a working fluid loop with a fluid of the loop being in thermal contact with the heat generating device;
a heat exchanger to dissipate heat from the fluid of the loop; and
the cold reservoir of the refrigerator to absorb heat from the fluid.
5. The apparatus of claim 4, wherein the cold reservoir is to absorb heat from the fluid of the loop after the heat exchanger has dissipated heat from the fluid of the loop.
6. The apparatus of claim 5, wherein a pump of the working fluid loop is powered on in response to a first predetermined event.

7. The apparatus of claim 6, wherein the heat exchanger fan is powered on in response to a second predetermined event, following the first predetermined event.
8. The apparatus of claim 7, wherein the refrigerator is powered on in response to a third predetermined event, following the second predetermined event.
9. An apparatus comprising:
a refrigerator including a first region and a second region, the first region to absorb heat generated by a heat generating unit of a mobile computer.
10. The apparatus of claim 9, wherein the first region of the refrigerator is colder compared to the second region, and the second region is to dissipate heat absorbed by the first region.
11. The apparatus of claim 9, further including a working fluid loop with a fluid of the loop being in thermal contact with the heat generating device;
a heat exchanger to dissipate heat from the fluid of the loop; and
the first region of the refrigerator to absorb heat from the fluid.
12. A mobile computing device comprising:
a heat generating unit; and
a refrigerator to absorb heat generated by the heat generating unit including a cold reservoir and a hot reservoir, the cold reservoir to absorb heat generated by the heat generating unit.

13. The mobile computing device of claim 12, further comprising:
a heat exchanger placed remotely from the heat generating device to dissipate heat from the hot reservoir.
14. The mobile computing device of claim 12, further comprising:
a working fluid loop with a fluid of the loop being in thermal contact with the heat generating device;
a heat exchanger to dissipate heat from the fluid of the loop; and
the cold reservoir of the refrigerator to absorb heat from the fluid.
15. An apparatus comprising:
a refrigerator to be placed in a mobile computing device, the refrigerator including a cold reservoir and a hot reservoir, the cold reservoir to absorb heat generated by a heat generating unit of the mobile computer;
a heat exchanger to dissipate heat from the hot reservoir;
a working fluid loop with a fluid of the loop being in thermal contact with the heat generating device, and the cold reservoir of the refrigerator to absorb heat from the fluid; and
a heat exchanger to dissipate heat from the fluid of the loop.
16. The apparatus of claim 15, wherein a pump of the working fluid loop is powered on in response to a first predetermined event.
17. The apparatus of claim 16, wherein the heat exchanger fan is powered on in response to a second predetermined event, following the first predetermined event.

18. The apparatus of claim 17, wherein the refrigerator is powered on in response to a third predetermined event, following the second predetermined event.

19. A mobile computer device comprising:

a processor;

a refrigerator including a first region and a second region, the first region to absorb heat generated by a heat generating unit of a mobile computer; and

a wireless antenna.

20. The mobile computing device of claim 19, wherein the first region of the refrigerator is colder compared to the second region, and the second region is to dissipate heat absorbed by the first region.